+

Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are req			f information ur	nless it d	isplays a valid OMB control	number.				
UTILITY Attorney Do		500.3666		8VX1						
PATENT APPLICATION First Inventor		ntor	AKAMATS	SU, CHIYO						
TRANSMITTAL	Title	METHOD OF U	SING AV DE	VICES	AND AV DEVICE SYS	TEM				
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express N	fail Label No.								
APPLICATION ELEMENTS		4000566			missioner for Patents					
SEE MPEP chapter 600 concerning utility patent application	contents.	ADDRESS			plication OC 20231	PTO				
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)			ROM or CD-R inputer Program	•	ate, large table or	36 U.S.				
Applicant claims small entity status. See 37 CFR 1.27.					8 Nucleotide and/or Amino Acid Sequence Submission fif applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on:					
3. Specification [Total Pages: 111]		b. Specificat	tion Sequence I	Listing o	n:	J.				
(preferred arrangement set forth below) -Descriptive title of the invention		i	☐ CD-ROM o	or CD-R	(2 copies); or					
-Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D										
-Reference to sequence listing, a table, or a computer program listing appendix	c. State	Statements verifying identity of above copies								
-Background of the Invention -Brief Summary of the Invention		AC	ACCOMPANYING APPLICATION PARTS							
-Brief Description of the Drawings (if filed) -Detailed Description										
-Claim(s) -Abstract of the Disclosure		9. Assi	gnment Papers	s (cover	sheet & documents(s))					
4. Drawing(s) (35 U.S.C. 113) [Total Pages: 70]			CFR 3.73(b) Sta en there is an a		Power of Attorney					
5. Oath or Declaration [Total Pages: 2]		. = .	lish Translation	Docume	ent (<i>if applicable</i>)					
a. Newly executed (original or copy)	12. Information Disclosure Copies of IDS Citations									
b Copy from a prior application (37 CFR 1.63 (d))		Statement (IDS)/PTO-1449 13. Preliminary Amendment								
(for continuation/divisional with Box 18 completed)		5 2	ırn Receipt Pos		IPEP 503)					
DELETION OF INVENTOR(S)	(Should be specifically itemized)									
Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR		15. Certified Copy of Priority Document(s) (if foreign priority is claimed)								
1.63(d)(2) and 1.33(b)	16. Non									
6. Application Data Sheet. See 37 CFR 1 76 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.										
17. Other:										
18. If a CONTINUING APPLICATION, check appropriate bo	ox, and supp	oly the requisite in	nformation be	elow an	d in a preliminary amend	dment,				
or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09/176,773										
Prior application information: Examiner: Chieu, P. Group Art	I Inst: 2615									
For CONTINUATION OR DIVISIONAL APPS only: The entire disc	losure of the	prior application,	from which ar	n oath o	r declaration is supplied u	ınder				
Box 5b, is considered a part of the disclosure of the accompanyl The incorporation <u>can only</u> be relied upon when a portion has be	ng continuat	ion or divisional a	pplication and	l is here	by incorporated by referen	nce.				
		ENCE ADDRESS	are submitted	арриса	uon parts.					
Customer Number or Bar Code Label	020457 No or Attach	bar code label here		Correspor	ndence address below					
Name ANTONELLI, TERRY, STOUT & K			<i>4:3</i> 1							
Address										
Address City	State			Zin						
				Zip Code						
Name Melvin Kraus	Telephone	(703) 312-6600	Attornous/A ====41	Fax	(703) 312-6666					
Signature Man		Registration No. (A	orney/Agent)	Date	22,466 December 19, 2001					

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

FEE TRANSMITTAL for FY 2002

Complete if Known **Application Number** 176,773 Filing Date October 22, 1998

101112002			amed I	nvento	AKAMATSU, CHIYO		
Patent fees are subject to annual revision.		Examiner Name			Chieu, P		
	ı	Group Art Unit			2615		
TOTAL AMOUNT OF PAYMENT (\$) 1847.00	Attorney Docket No.				500.36668VX1		
	لـــا	7 (1011)	, D00				
METHOD OF PAYMENT	Ļ			FE	E CALCULATION (continued)		
The Commissioner is hereby authorized to charge indicated fees and credit overpayments to: Deposit Account Number 01-2135		ADDITI Large Entity		Small Entity			
Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP ☐ Charge Any Additional Fee Required	Fee Cod		Fee Code	Fee (\$)	Fee Description Fee Paid		
Under 37 CFR 1.1 6 and 1.17	105	130	205	65			
☐ Applicant Claims small entity status See 37 CFR 1.27	127	50	203	25	Surcharge – late filing fee or oath Surcharge – late provisional filing fee or		
		-			cover sheet		
2. Payment Enclosed:	139	130	139	130	Non-English specification		
☐ Check ☑ Credit Card ☐ Money Order ☐ Other	147	2,520	147	2,520	For filing a request for ex parte reexamination		
FEE CALCULATION	112	920*	112		Requesting publication of SIR prior to Examination action		
BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Description Fee Paid	113	1,840*	113	1,840	Requesting publication of SIR after Examiner action		
Code (\$) Code (\$)	115	110	215	55	Extension for reply within first month		
101 740 201 370 Utility filing fee 740.00	116	400	216		Extension for reply within second month		
106 330 206 165 Design filing fee	117	920	217		Extension for reply within third month		
107 510 207 255 Plant filing fee	118	1,440	218	720	Extension for reply within fourth month		
108 740 208 370 Reissue filing fee	128	1,960	228	980	Extension for reply within fifth month		
114 160 214 80 Provisional filing fee	119	320	219	160	Notice of Appeal		
SUBTOTAL (1) 740.00	120	320	220	160	Filing a brief in support of an appeal		
1. EXTRA CLAIM FEES	121 280 221 140 Request for oral hearing			•			
Fee from	138 140	1,510	138		Petition to institute a public use proceeding		
Extra Claims below Fee Paid	141	110	240		Petition to revive – unavoidable		
Total Claims 39 -20** = 19 x 18.00 = 342.00	142	1,280 1,280	241 242		Petition to revive unintentional		
Indep. Claims 12-3** = 9 x 84.00 = 756.00	143	460	243		Utility issue fee (or reissue)		
Multiple Dependent =	144	620	244		Design issue fee Plant issue fee		
	122	130	122		Petitions to the Commissioner		
Large Entity Small Entity	123	50	123		Processing fee under 37 CFR 1.17(q)		
Fee Fee Fee Fee Description Code (\$) Code (\$)	126	180	126		Submission of Information Disclosure Stmt		
103 18 203 9 Claims in excess of 20	581	40	581	40 F	Recording each patent assignment per property (times number of properties)		
102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim if not hold	146	740	246	370 F	For each additional invention to be examined (37 CFR § 1.129(a))		
104 280 204 140 Multiple dependent claim, if not paid 109 84 209 42 **Reissue independent claims	149	740	249	370 F	For each additional invention to be examined (37 CFR § 1.129(b))		
over original patent	179	740	279		Request for Continued Examination (RCE)		
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	169 900 169 900 Request for expedited examination of a design application				Request for expedited examination		
SUBTOTAL (2) \$ 1098.00	Other fee (specify)						
**or number previously paid, if greater; For Reissues, see above.	*Red	uced by B	asic Filin	g Fee P	raid SUBTOTAL (3) (\$)		

SUBMITTED BY Complete (if applicable)								
Name (Print/Type)	Melvin Kraus	Registration No. (Attorney/Agent)	22,466	Telephone				
Signature	mahan			Date	12/19/2001			

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231.